

APPENDIX A. HAC TEST PLOTS

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.3 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 70.3 V/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

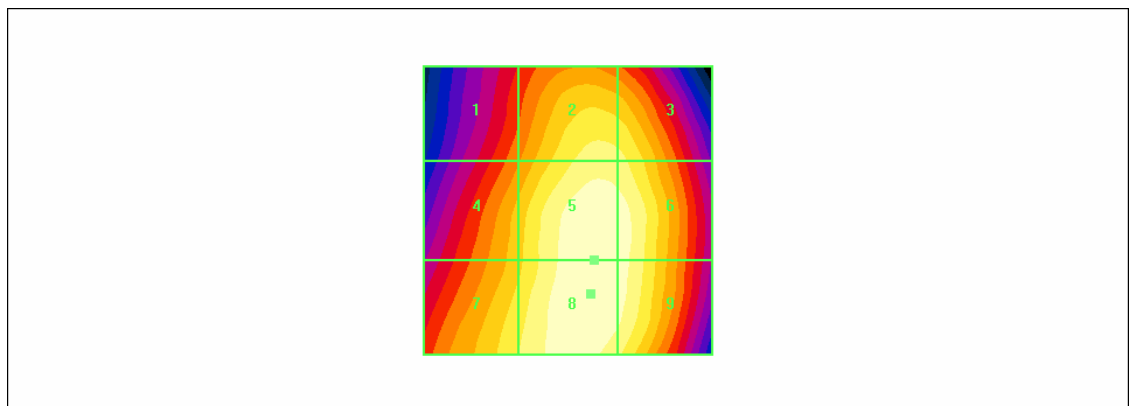
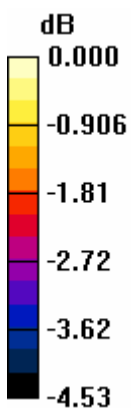
Grid 1	Grid 2	Grid 3
41.4 M4	46.9 M4	46.6 M4
Grid 4	Grid 5	Grid 6
44.0 M4	49.0 M4	48.7 M4
Grid 7	Grid 8	Grid 9
46.0 M4	49.3 M4	48.5 M4

Cursor:

Total = 49.3 V/m

E Category: M4

Location: -4, 14.5, 369.9 mm



0 dB = 49.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 51.6 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 75.4 V/m; Power Drift = -0.028 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

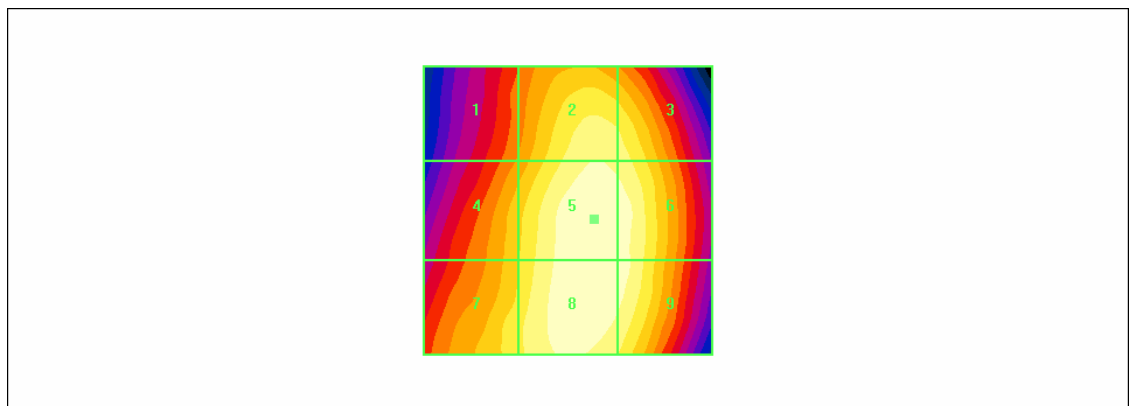
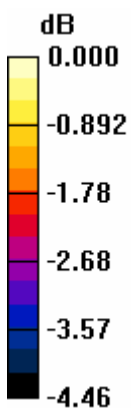
Grid 1	Grid 2	Grid 3
43.9 M4	49.9 M4	49.4 M4
Grid 4	Grid 5	Grid 6
46.5 M4	51.6 M4	51.2 M4
Grid 7	Grid 8	Grid 9
47.9 M4	51.5 M4	50.9 M4

Cursor:

Total = 51.6 V/m

E Category: M4

Location: -4.5, 1.5, 369.9 mm



0 dB = 51.6V/m

Test Laboratory: HCT CO., LTD.
Ambient Temperature / Channel 21.4 °C /777
Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848,31 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

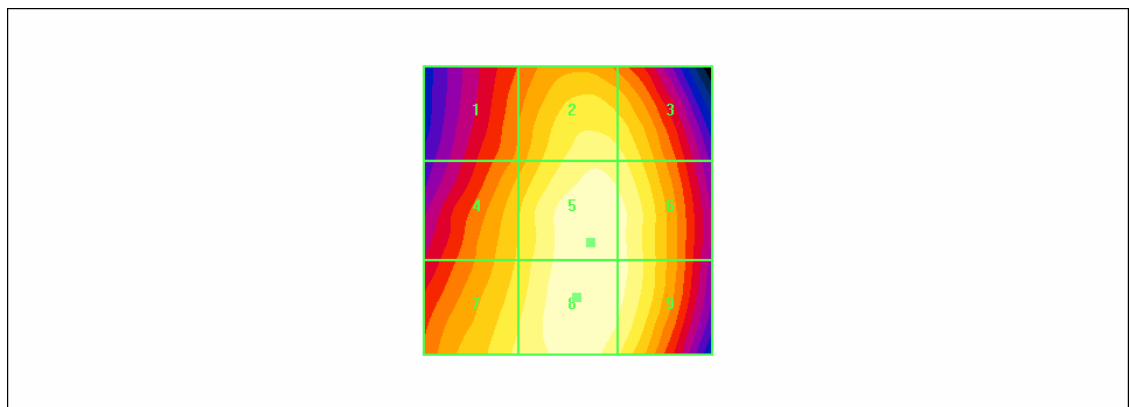
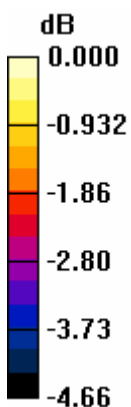
Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 50.2 V/m
Probe Modulation Factor = 0.963
Device Reference Point: 0.000, 0.000, 353.7 mm
Reference Value = 72.6 V/m; Power Drift = -0.033 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
42.8 M4	48.3 M4	47.5 M4
Grid 4	Grid 5	Grid 6
45.4 M4	50.1 M4	49.3 M4
Grid 7	Grid 8	Grid 9
47.2 M4	50.2 M4	49.3 M4

Cursor:

Total = 50.2 V/m
E Category: M4
Location: -1.5, 15, 369.9 mm



0 dB = 50.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.7 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 14.9 V/m; Power Drift = -0.732 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

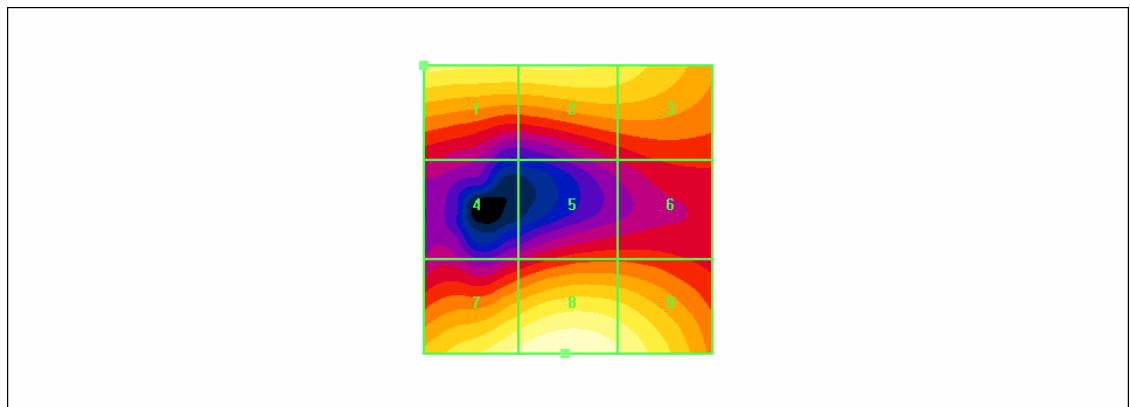
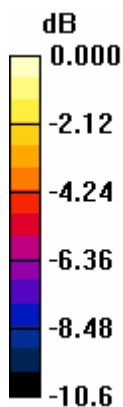
Grid 1	Grid 2	Grid 3
28.1 M4	27.6 M4	26.3 M4
Grid 4	Grid 5	Grid 6
16.7 M4	19.2 M4	19.1 M4
Grid 7	Grid 8	Grid 9
30.1 M4	31.7 M4	29.8 M4

Cursor:

Total = 31.7 V/m

E Category: M4

Location: 0.5, 25, 369.9 mm



0 dB = 31.7V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.3 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 10.8 V/m; Power Drift = -0.041 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

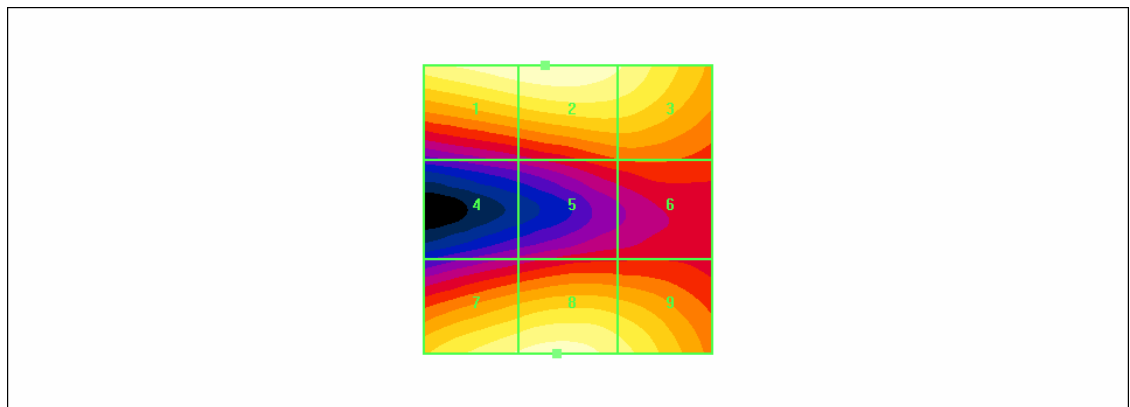
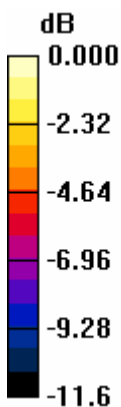
Grid 1	Grid 2	Grid 3
30.9 M4	31.3 M4	29.1 M4
Grid 4	Grid 5	Grid 6
14.6 M4	18.2 M4	18.6 M4
Grid 7	Grid 8	Grid 9
29.1 M4	30.0 M4	27.6 M4

Cursor:

Total = 31.3 V/m

E Category: M4

Location: 4, -25, 369.9 mm



0 dB = 31.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.1 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 11.8 V/m; Power Drift = 0.191 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

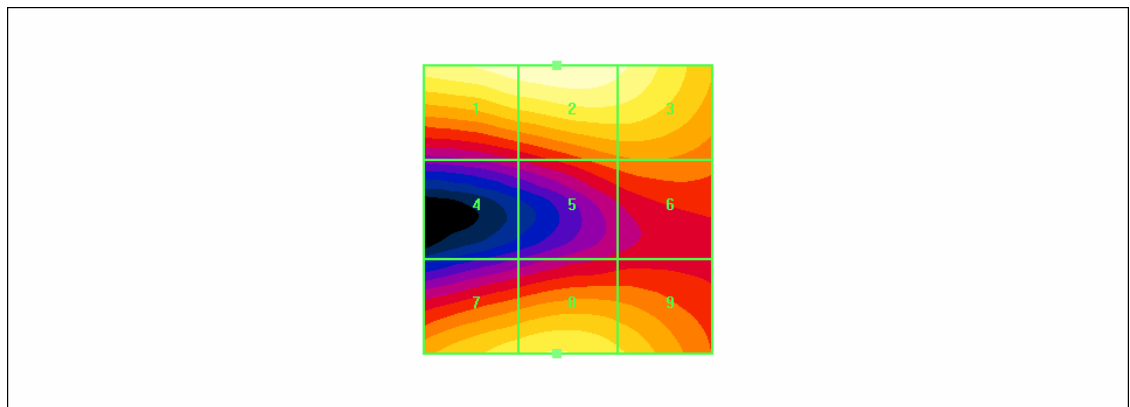
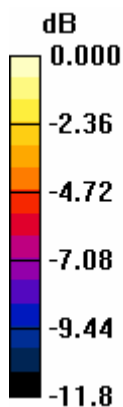
Grid 1	Grid 2	Grid 3
29.4 M4	30.1 M4	28.2 M4
Grid 4	Grid 5	Grid 6
14.6 M4	18.6 M4	19.1 M4
Grid 7	Grid 8	Grid 9
24.7 M4	25.4 M4	23.5 M4

Cursor:

Total = 30.1 V/m

E Category: M4

Location: 2, -25, 369.9 mm



0 dB = 30.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.098 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.064 A/m; Power Drift = -0.009 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

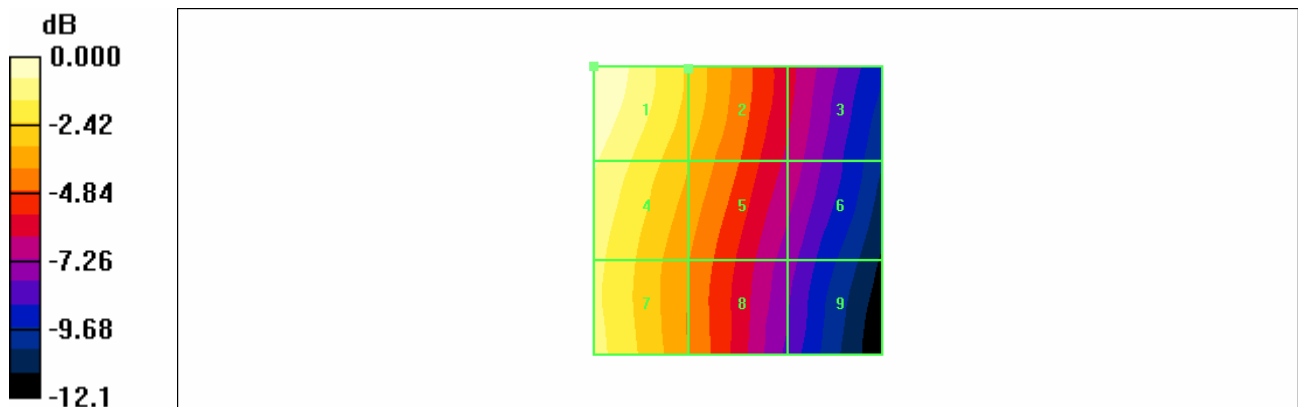
Grid 1	Grid 2	Grid 3
0.098 M4	0.073 M4	0.049 M4
Grid 4	Grid 5	Grid 6
0.090 M4	0.068 M4	0.046 M4
Grid 7	Grid 8	Grid 9
0.084 M4	0.062 M4	0.041 M4

Cursor:

Total = 0.098 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.098A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.109 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.071 A/m; Power Drift = -0.027 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

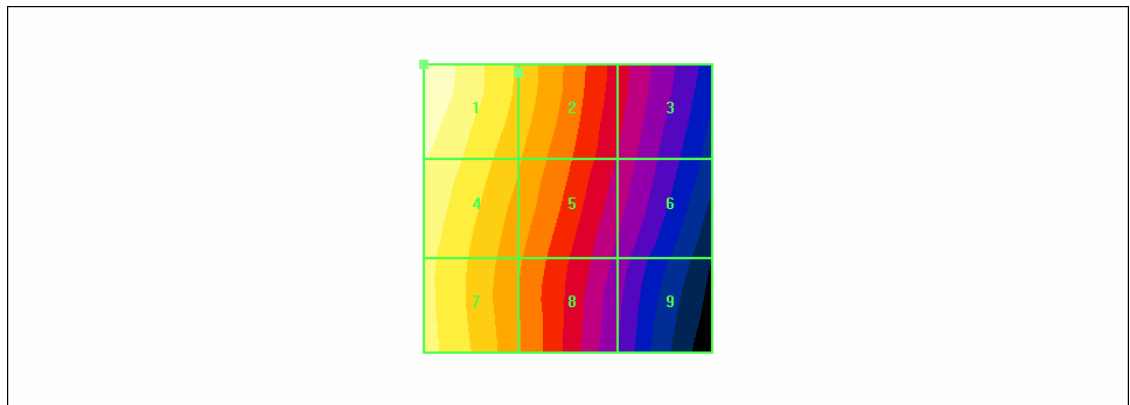
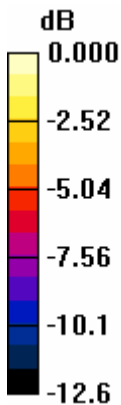
Grid 1	Grid 2	Grid 3
0.109 M4	0.080 M4	0.053 M4
Grid 4	Grid 5	Grid 6
0.100 M4	0.075 M4	0.050 M4
Grid 7	Grid 8	Grid 9
0.094 M4	0.068 M4	0.044 M4

Cursor:

Total = 0.109 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.109A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.105 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.065 A/m; Power Drift = 0.183 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

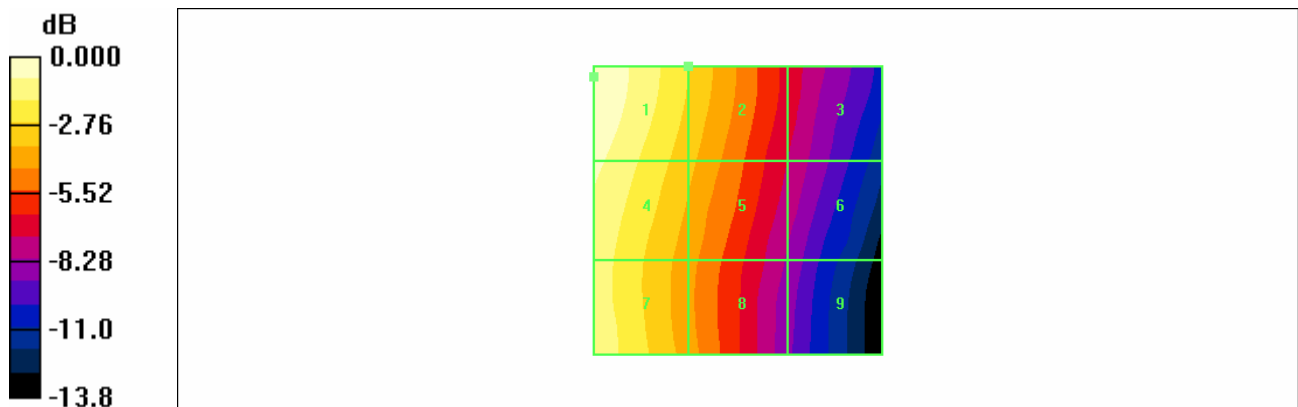
Grid 1	Grid 2	Grid 3
0.105 M4	0.076 M4	0.049 M4
Grid 4	Grid 5	Grid 6
0.097 M4	0.071 M4	0.045 M4
Grid 7	Grid 8	Grid 9
0.092 M4	0.065 M4	0.040 M4

Cursor:

Total = 0.105 A/m

H Category: M4

Location: 25, -23, 369.4 mm



0 dB = 0.105A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.080 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.116 A/m; Power Drift = -0.077 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

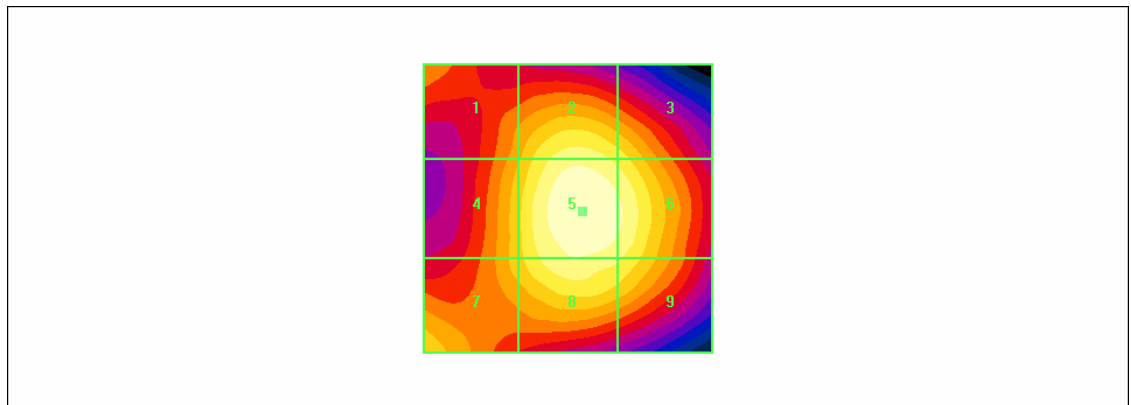
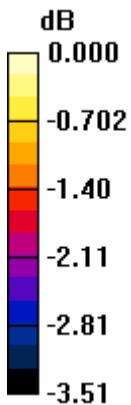
Grid 1	Grid 2	Grid 3
0.072 M4	0.077 M4	0.075 M4
Grid 4	Grid 5	Grid 6
0.073 M4	0.080 M4	0.078 M4
Grid 7	Grid 8	Grid 9
0.074 M4	0.078 M4	0.076 M4

Cursor:

Total = 0.080 A/m

H Category: M4

Location: -2.5, 0.5, 369.4 mm



0 dB = 0.080A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.075 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.110 A/m; Power Drift = 0.040 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

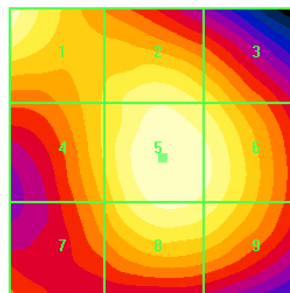
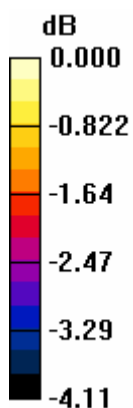
Grid 1	Grid 2	Grid 3
0.074 M4	0.073 M4	0.070 M4
Grid 4	Grid 5	Grid 6
0.069 M4	0.075 M4	0.073 M4
Grid 7	Grid 8	Grid 9
0.067 M4	0.073 M4	0.072 M4

Cursor:

Total = 0.075 A/m

H Category: M4

Location: -1.5, 1, 369.4 mm



0 dB = 0.075A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.081 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.106 A/m; Power Drift = -0.046 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

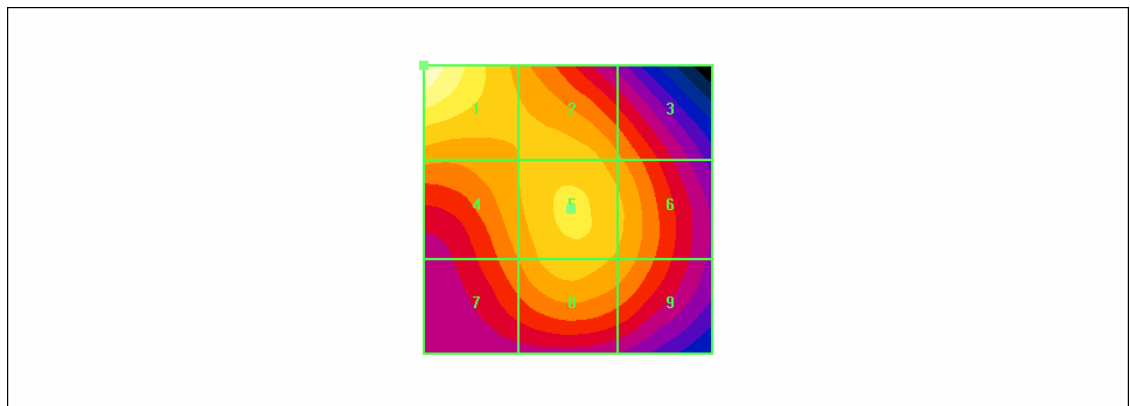
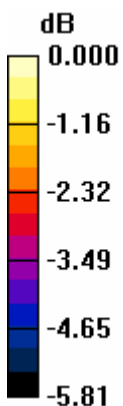
Grid 1	Grid 2	Grid 3
0.081 M4	0.070 M4	0.066 M4
Grid 4	Grid 5	Grid 6
0.068 M4	0.072 M4	0.069 M4
Grid 7	Grid 8	Grid 9
0.065 M4	0.070 M4	0.067 M4

Cursor:

Total = 0.081 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.081A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.0 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 71.4 V/m; Power Drift = -0.055 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

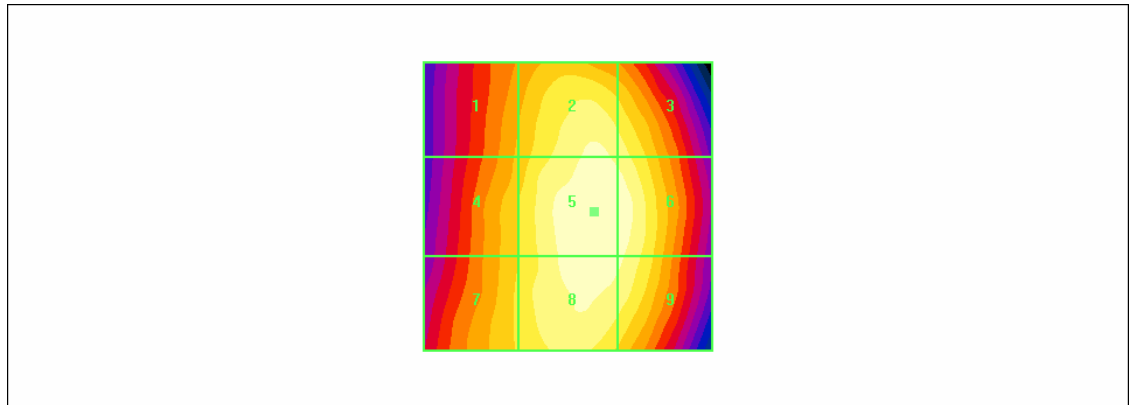
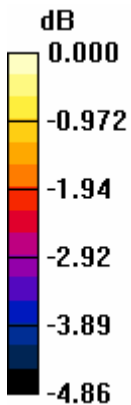
Grid 1	Grid 2	Grid 3
42.7 M4	47.8 M4	46.8 M4
Grid 4	Grid 5	Grid 6
44.0 M4	49.0 M4	48.7 M4
Grid 7	Grid 8	Grid 9
44.2 M4	48.6 M4	47.7 M4

Cursor:

Total = 49.0 V/m

E Category: M4

Location: -4.5, 1, 369.9 mm



0 dB = 49.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 64.1 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 94.1 V/m; Power Drift = 0.023 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

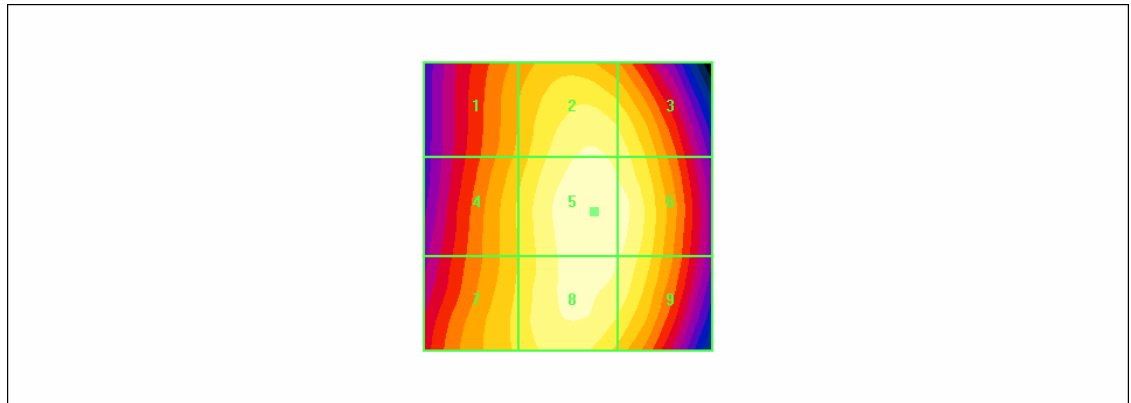
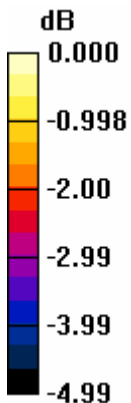
Grid 1	Grid 2	Grid 3
55.8 M4	62.2 M4	61.0 M4
Grid 4	Grid 5	Grid 6
57.6 M4	64.1 M4	63.2 M4
Grid 7	Grid 8	Grid 9
58.0 M4	63.3 M4	62.1 M4

Cursor:

Total = 64.1 V/m

E Category: M4

Location: -4.5, 1, 369.9 mm



0 dB = 64.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 54.3 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 79.4 V/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

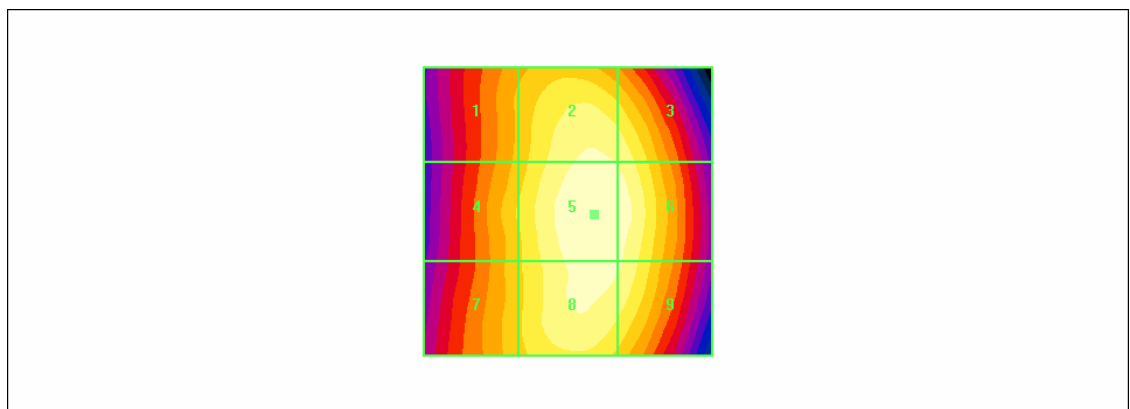
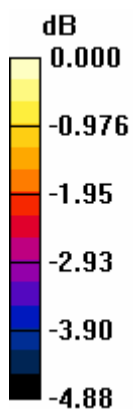
Grid 1	Grid 2	Grid 3
47.5 M4	52.9 M4	52.2 M4
Grid 4	Grid 5	Grid 6
48.8 M4	54.3 M4	53.8 M4
Grid 7	Grid 8	Grid 9
48.3 M4	53.5 M4	52.7 M4

Cursor:

Total = 54.3 V/m

E Category: M4

Location: -4.5, 0.5, 369.9 mm



0 dB = 54.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 27.6 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 15.8 V/m; Power Drift = 0.240 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

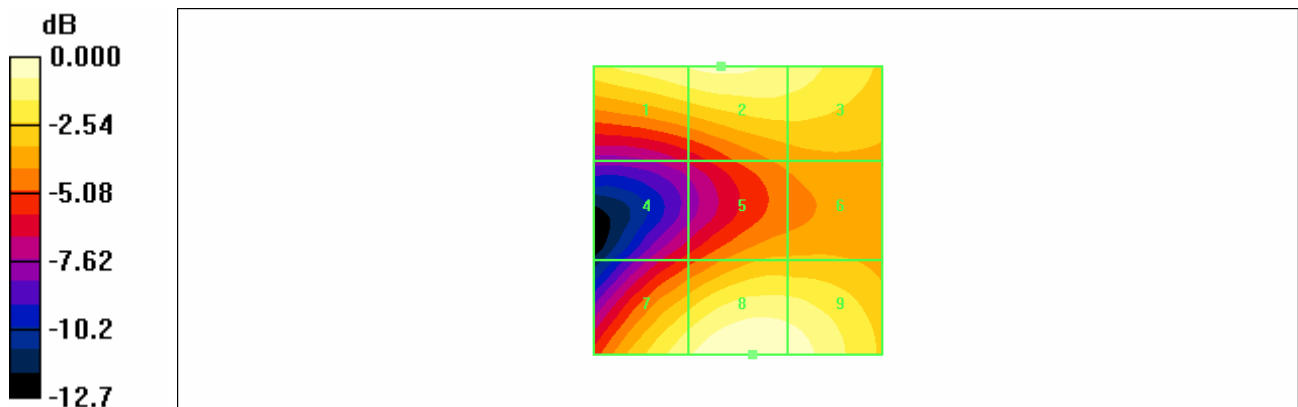
Grid 1	Grid 2	Grid 3
25.3 M4	25.8 M4	24.3 M4
Grid 4	Grid 5	Grid 6
14.7 M4	19.0 M4	19.1 M4
Grid 7	Grid 8	Grid 9
24.8 M4	27.6 M4	26.8 M4

Cursor:

Total = 27.6 V/m

E Category: M4

Location: -2.5, 25, 369.9 mm



0 dB = 27.6V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 23.5 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 13.2 V/m; Power Drift = -0.050 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

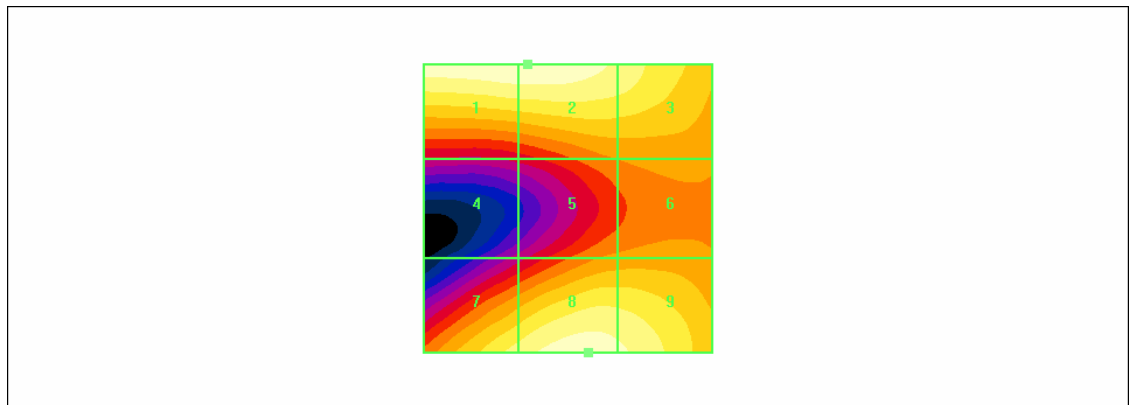
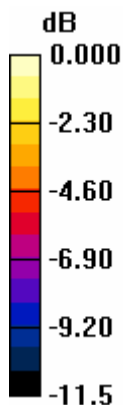
Grid 1	Grid 2	Grid 3
23.4 M4	23.5 M4	21.1 M4
Grid 4	Grid 5	Grid 6
12.0 M4	15.5 M4	15.9 M4
Grid 7	Grid 8	Grid 9
20.7 M4	22.7 M4	22.0 M4

Cursor:

Total = 23.5 V/m

E Category: M4

Location: 7, -25, 369.9 mm



0 dB = 23.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 27.3 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 16.4 V/m; Power Drift = -0.057 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

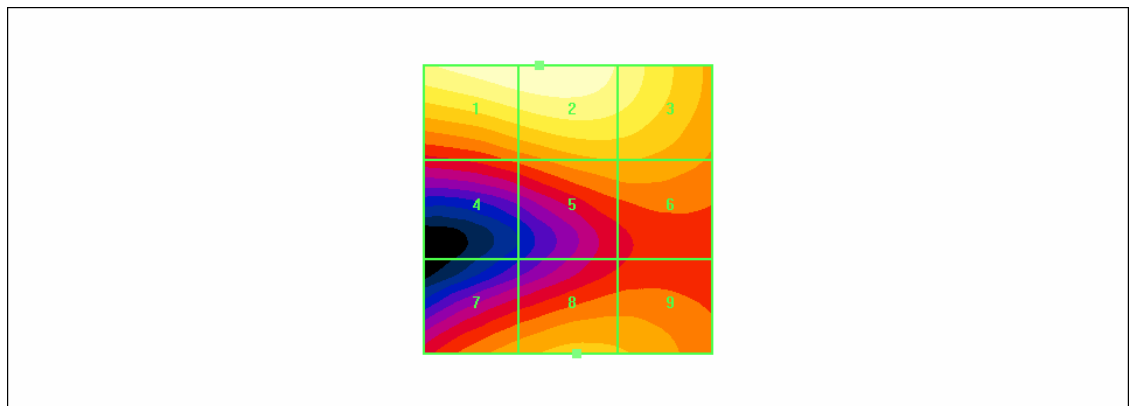
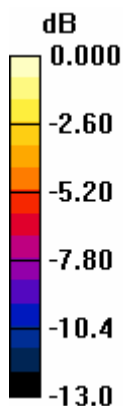
Grid 1	Grid 2	Grid 3
27.2 M4	27.3 M4	24.5 M4
Grid 4	Grid 5	Grid 6
15.5 M4	18.3 M4	18.3 M4
Grid 7	Grid 8	Grid 9
17.8 M4	19.0 M4	18.7 M4

Cursor:

Total = 27.3 V/m

E Category: M4

Location: 5, -25, 369.9 mm



0 dB = 27.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.088 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.055 A/m; Power Drift = -0.070 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

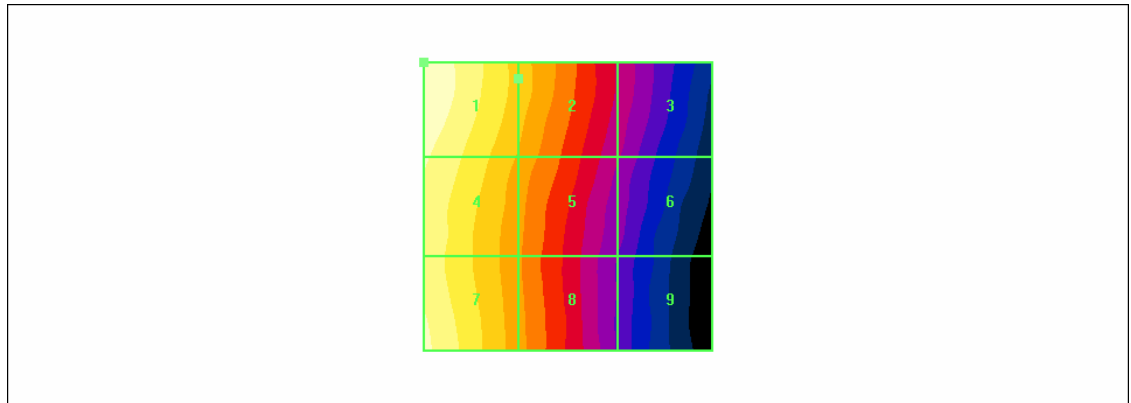
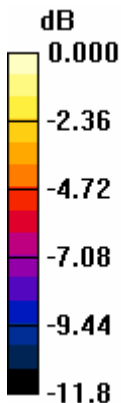
Grid 1	Grid 2	Grid 3
0.088 M4	0.065 M4	0.042 M4
Grid 4	Grid 5	Grid 6
0.082 M4	0.061 M4	0.040 M4
Grid 7	Grid 8	Grid 9
0.082 M4	0.058 M4	0.036 M4

Cursor:

Total = 0.088 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.088A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.121 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.074 A/m; Power Drift = -0.036 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

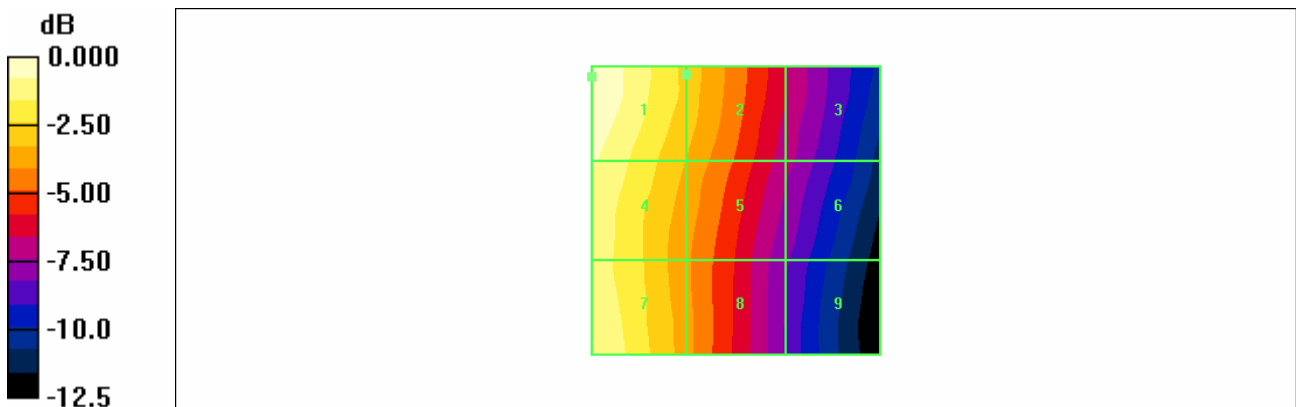
Grid 1	Grid 2	Grid 3
0.121 M4	0.088 M4	0.057 M4
Grid 4	Grid 5	Grid 6
0.112 M4	0.082 M4	0.053 M4
Grid 7	Grid 8	Grid 9
0.111 M4	0.078 M4	0.047 M4

Cursor:

Total = 0.121 A/m

H Category: M4

Location: 25, -23, 369.4 mm



0 dB = 0.121A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.097 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.055 A/m; Power Drift = -0.022 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

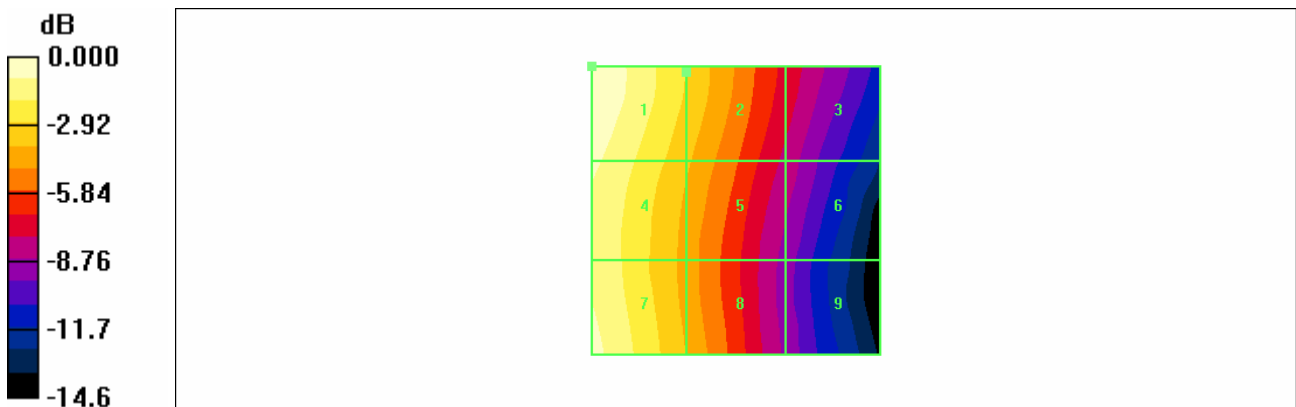
Grid 1	Grid 2	Grid 3
0.097 M4	0.069 M4	0.043 M4
Grid 4	Grid 5	Grid 6
0.089 M4	0.063 M4	0.038 M4
Grid 7	Grid 8	Grid 9
0.091 M4	0.062 M4	0.035 M4

Cursor:

Total = 0.097 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.097A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.069 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.101 A/m; Power Drift = -0.013 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

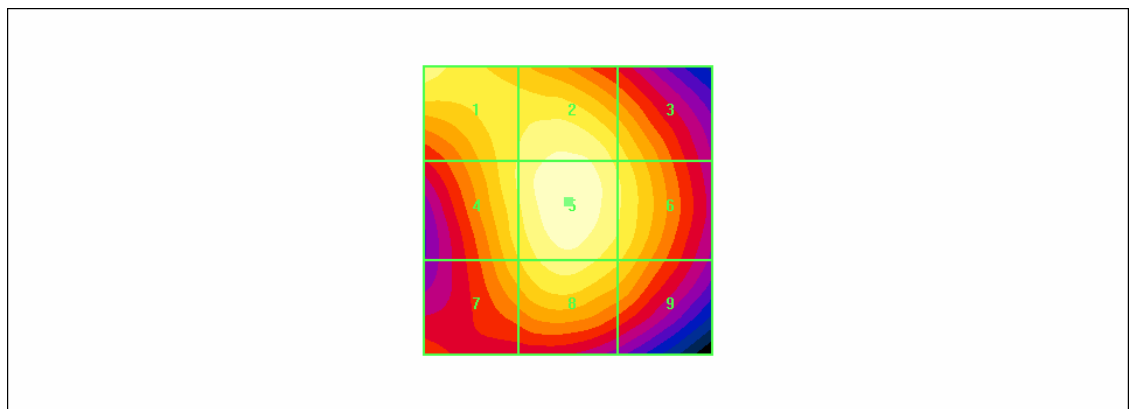
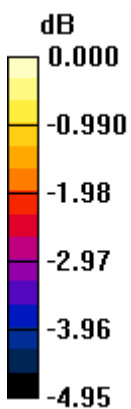
Grid 1	Grid 2	Grid 3
0.066 M4	0.067 M4	0.063 M4
Grid 4	Grid 5	Grid 6
0.064 M4	0.069 M4	0.065 M4
Grid 7	Grid 8	Grid 9
0.062 M4	0.066 M4	0.062 M4

Cursor:

Total = 0.069 A/m

H Category: M4

Location: 0, -1.5, 369.4 mm



0 dB = 0.069A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.059 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.086 A/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

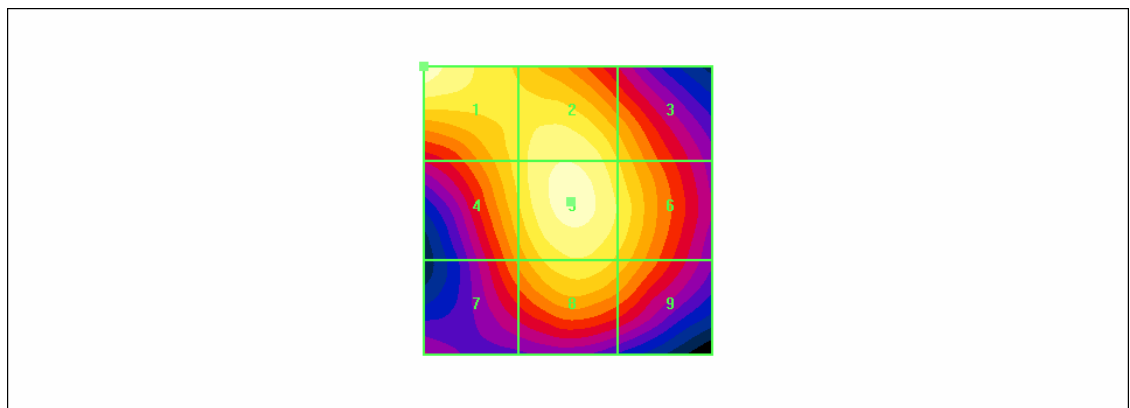
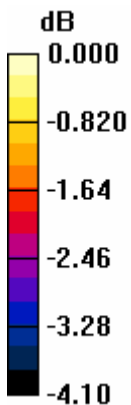
Grid 1 0.059 M4	Grid 2 0.057 M4	Grid 3 0.054 M4
Grid 4 0.055 M4	Grid 5 0.058 M4	Grid 6 0.055 M4
Grid 7 0.051 M4	Grid 8 0.055 M4	Grid 9 0.053 M4

Cursor:

Total = 0.059 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.059A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Feb. 08, 2011

DUT: TXT8040; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.066 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.087 A/m; Power Drift = -0.090 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

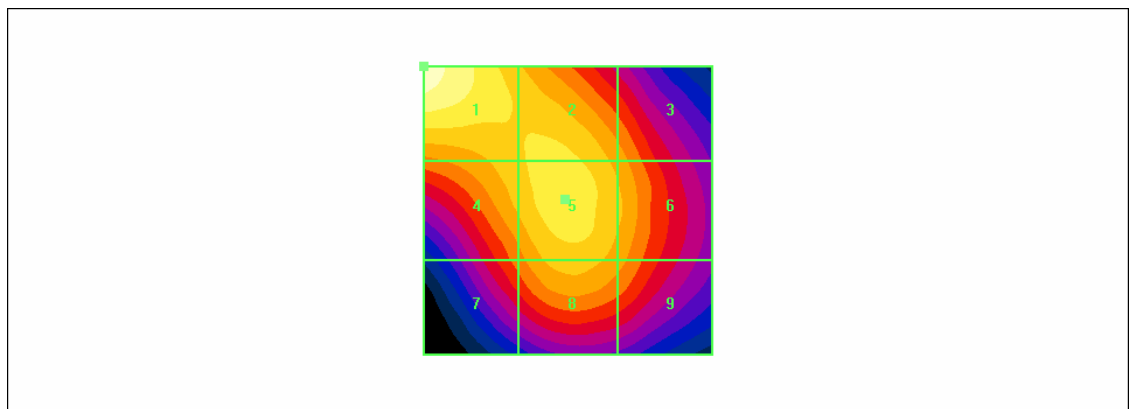
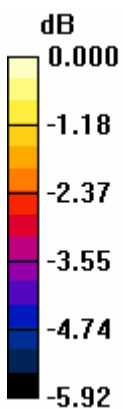
Grid 1	Grid 2	Grid 3
0.066 M4	0.058 M4	0.054 M4
Grid 4	Grid 5	Grid 6
0.057 M4	0.059 M4	0.056 M4
Grid 7	Grid 8	Grid 9
0.052 M4	0.057 M4	0.054 M4

Cursor:

Total = 0.066 A/m

H Category: M4

Location: 25, -25, 369.4 mm



0 dB = 0.066A/m